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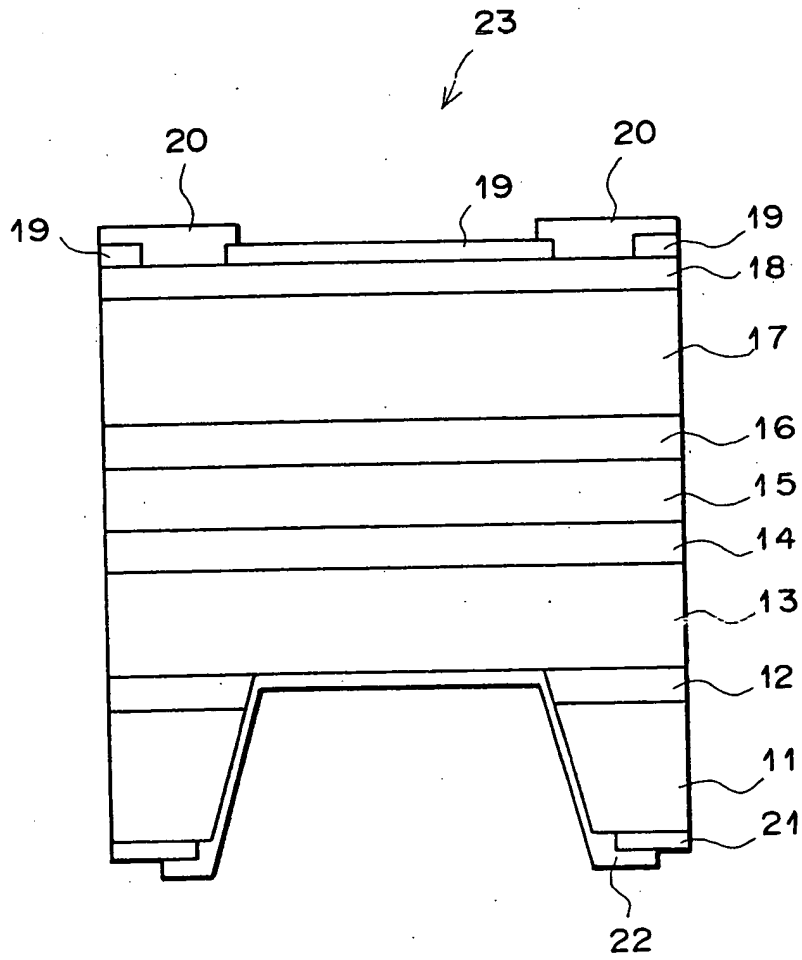
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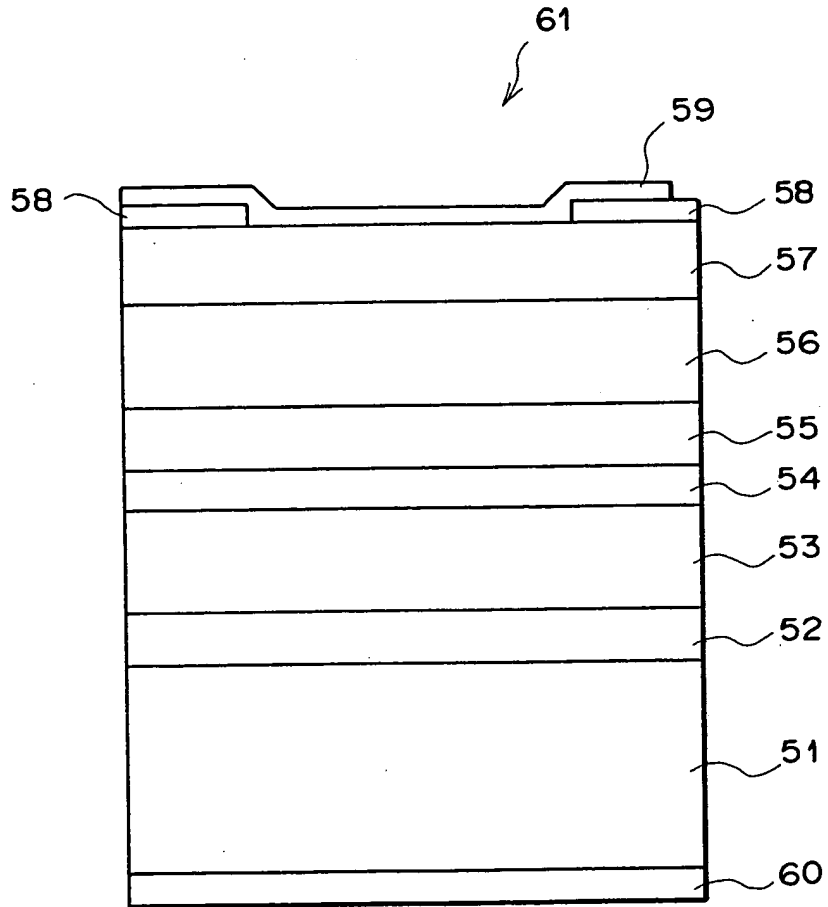
F I G . 1



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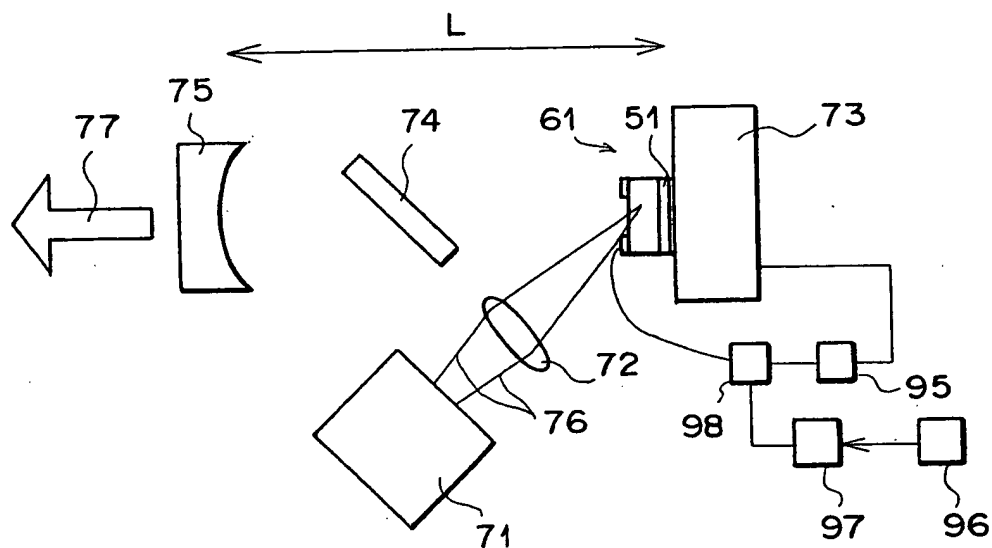
The diagram illustrates a laser Doppler velocimeter system. A laser beam (37) passes through a polarizing beam splitter (40) and is directed to an APC circuit (41). The APC circuit is connected to a photodetector (31) and a photomultiplier (32). The photomultiplier is connected to a series of electronic components (33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45) which are connected to a power supply (46). The system is labeled G. 2A.

FIG. 3



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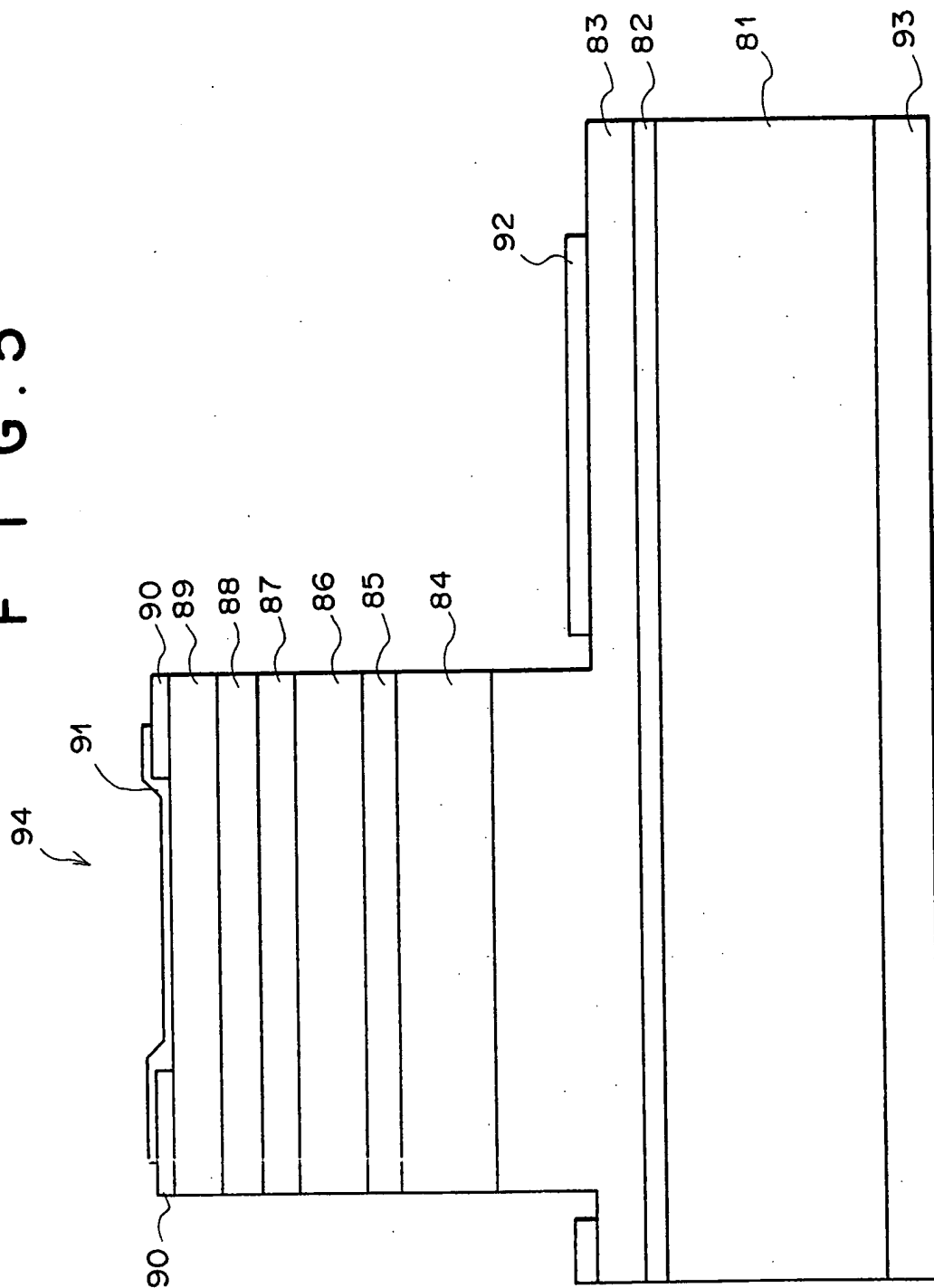
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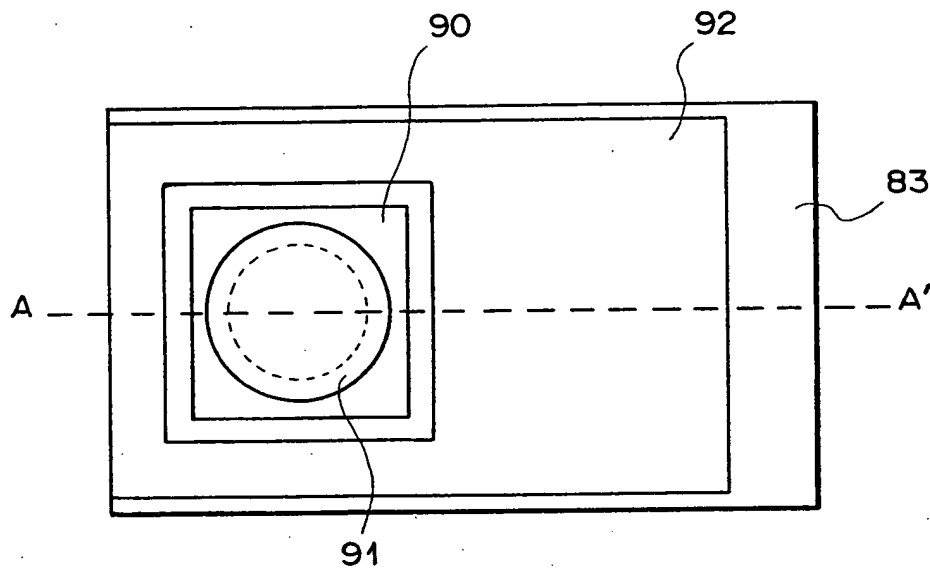
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FIG. 5



F I G . 6



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FIG. 7

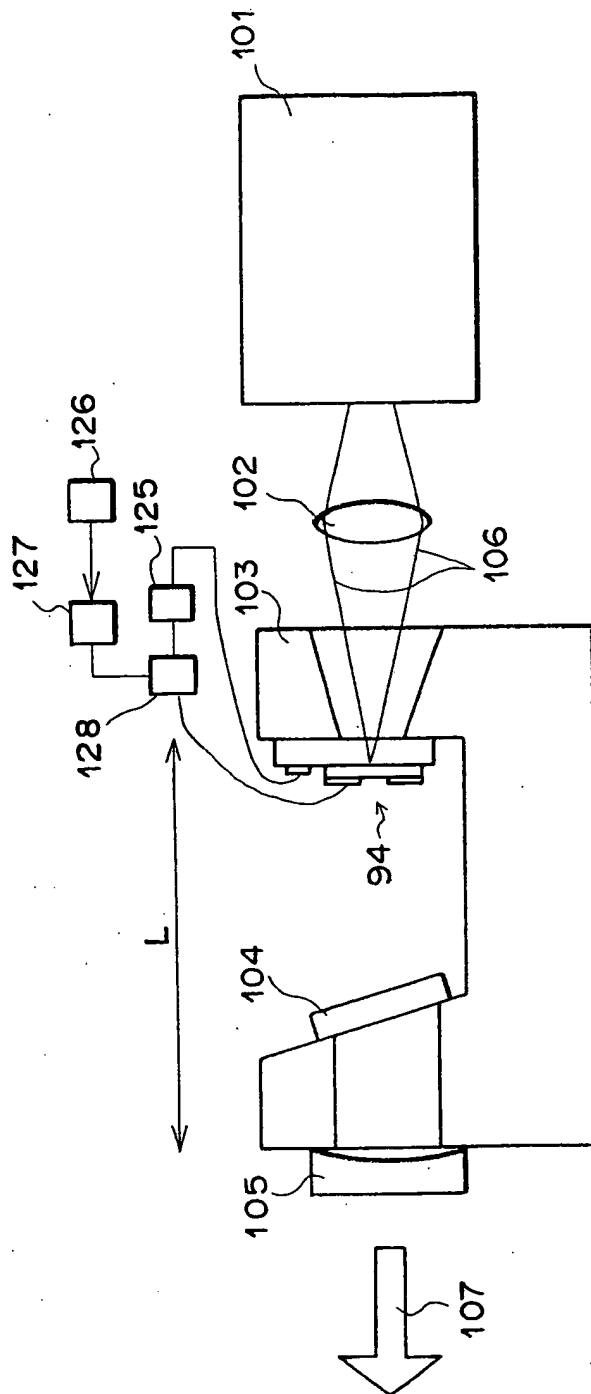
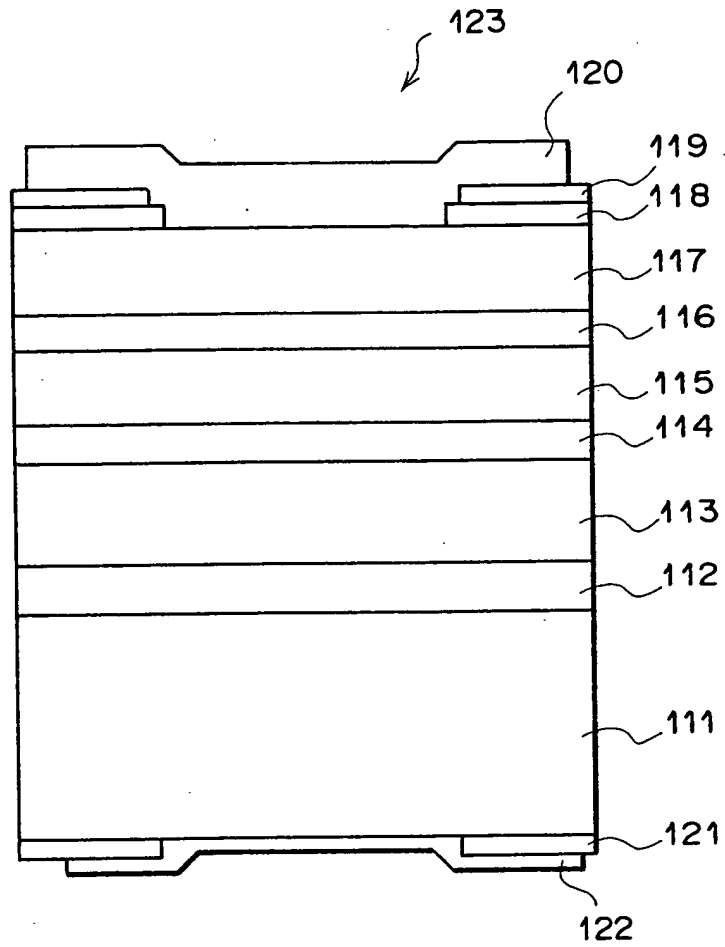


FIG. 8



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FIG. 9

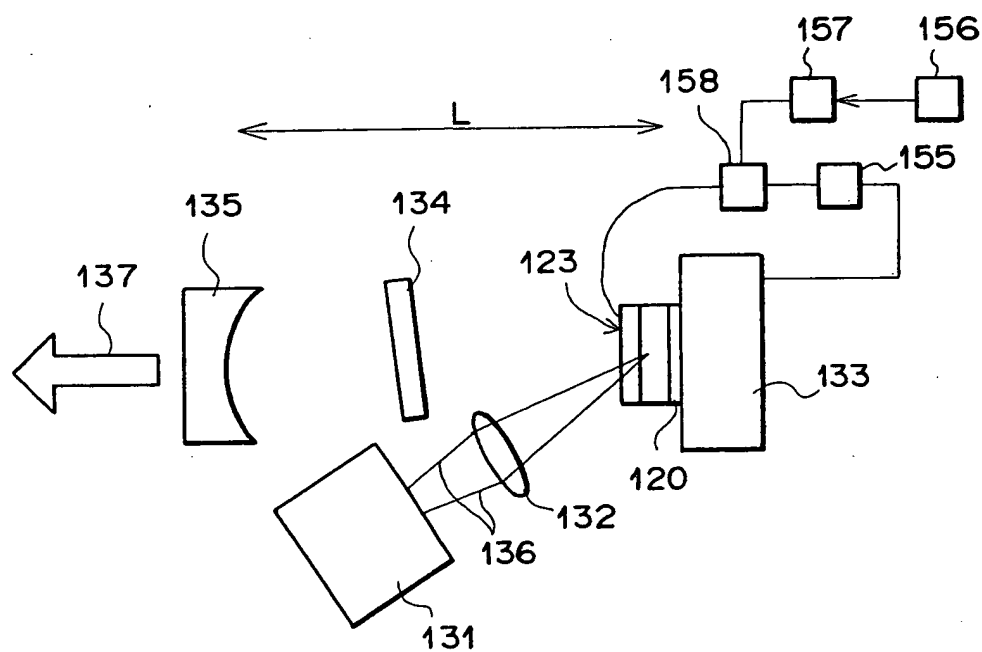


FIG. 9

F I G . 10

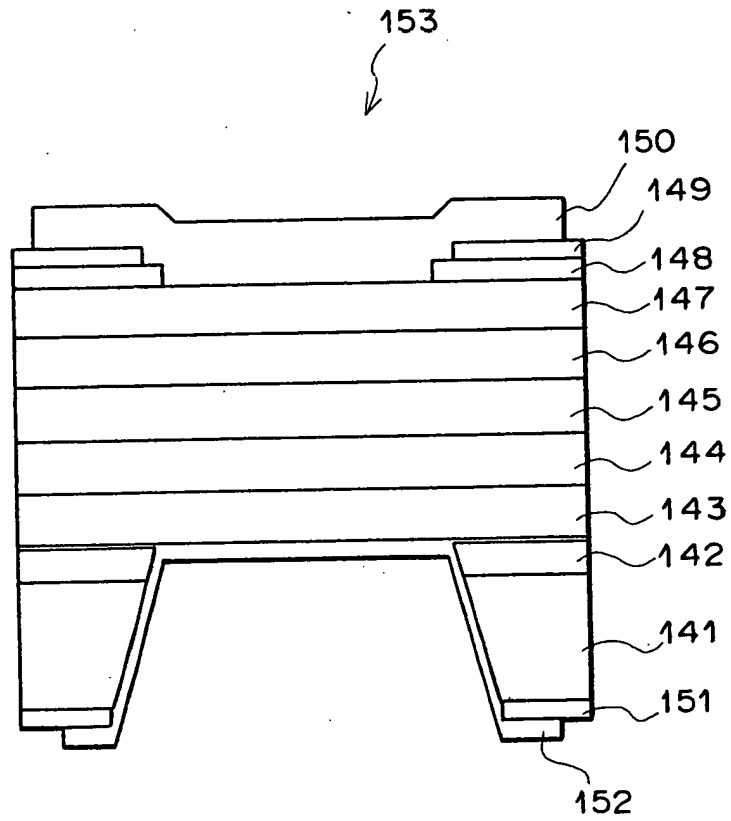


FIG. 10

F I G . 11

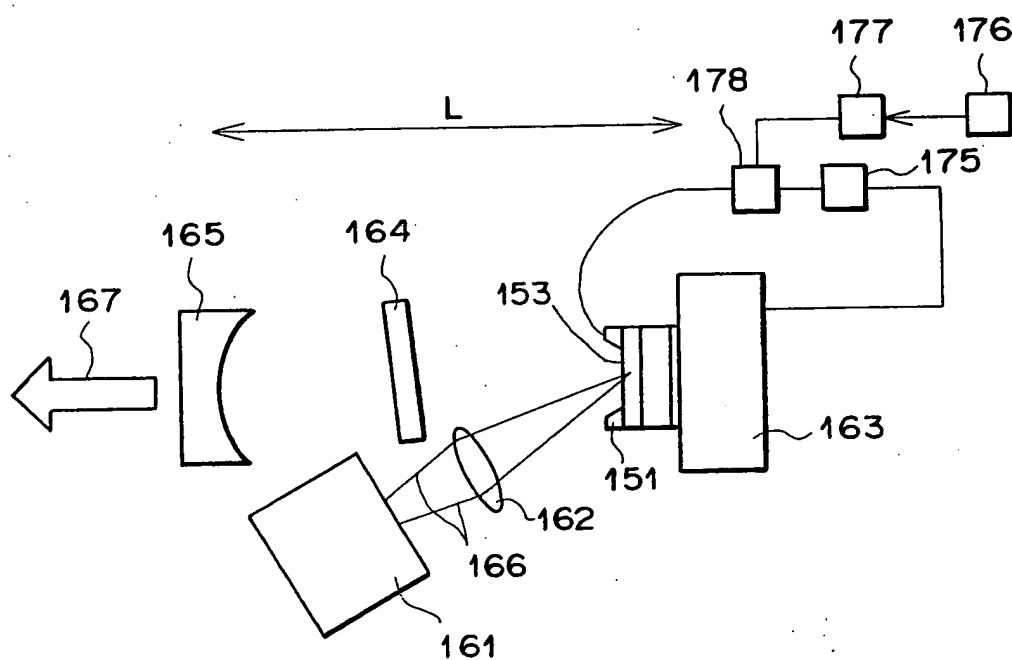


FIG. 11